

THE PORT AUTHORITY
OF NY & NJ



ORIGINAL SIGNED & SEALED BY
N.Y. P.E. (OR R.A.)

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I HEREBY CERTIFY THAT THIS IS A TRUE AND CORRECT
COPY OF ONE OF THE CONTRACT DRAWINGS
CONSTITUTING A PART OF CONTRACT NO. WTC-945-071
IN THE FORM IN WHICH SAID DRAWINGS EXISTED AT
THE TIME THE SAID CONTRACT WAS EXECUTED BY
THE PARTIES.
DATE 11/16/98 *Robert A. Loring*
DATE 4/12/98 *R.L. Loring*
ENGINEER OF DESIGN

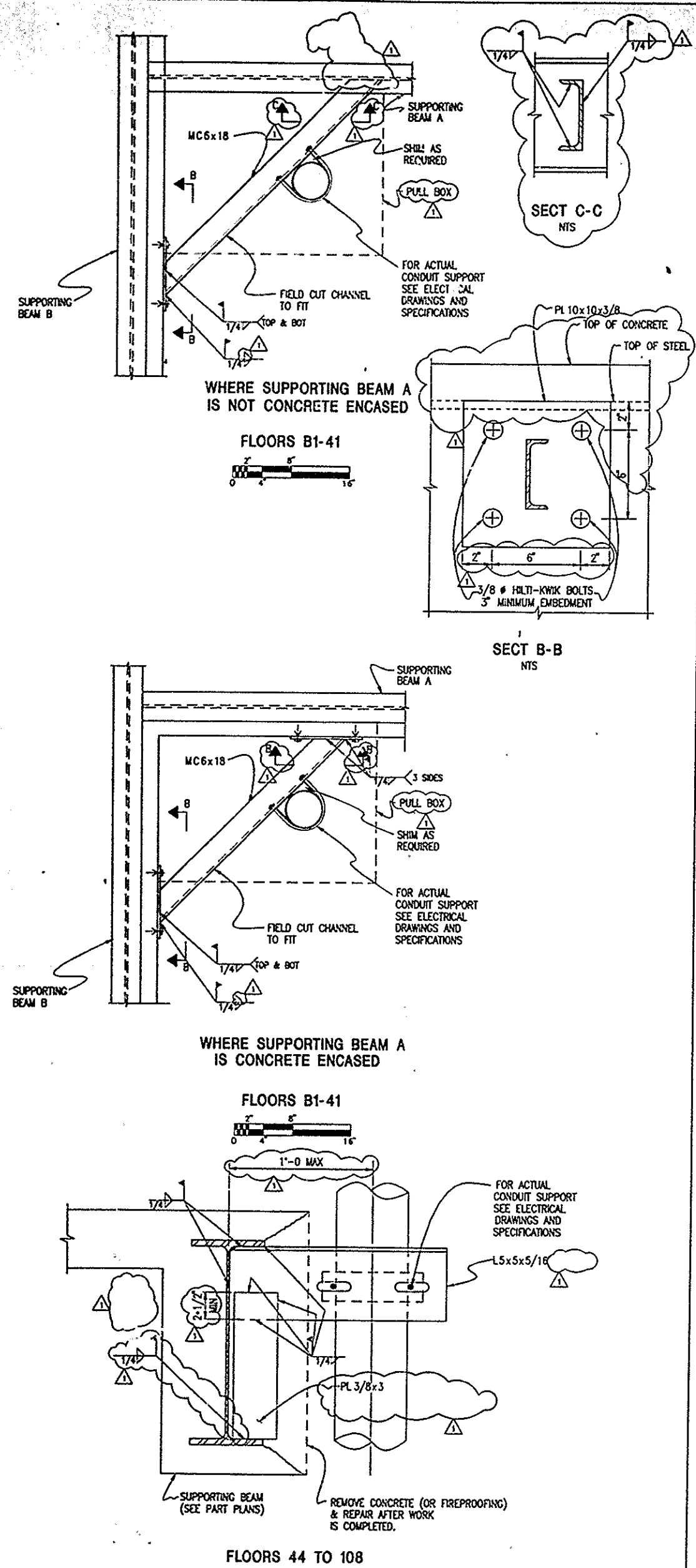
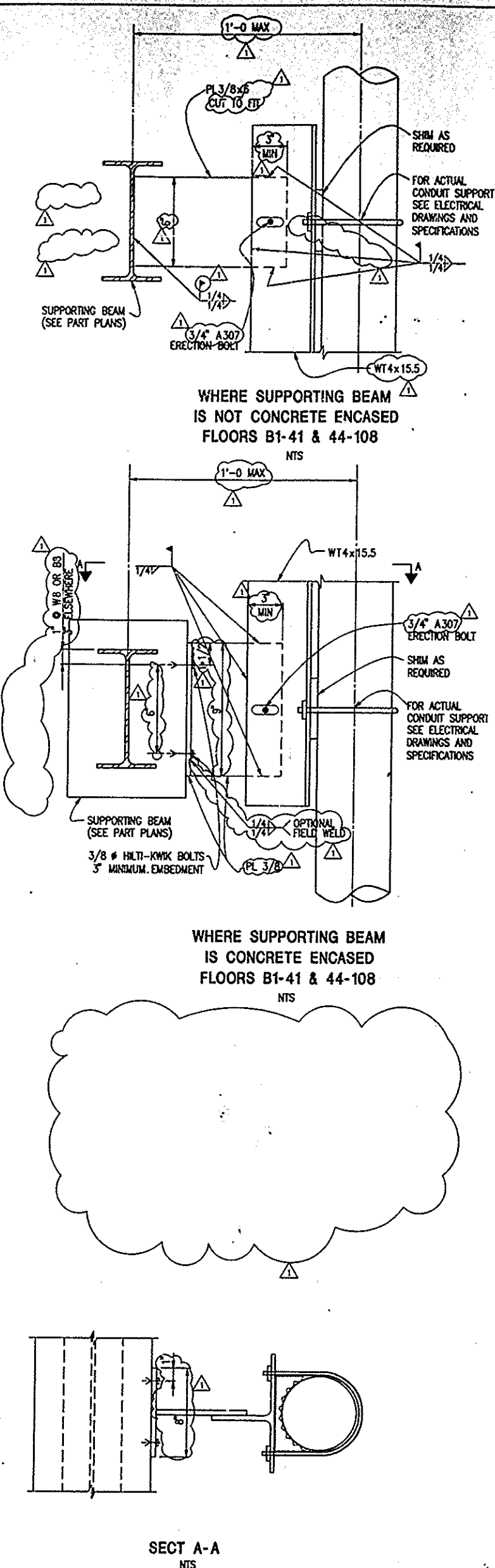
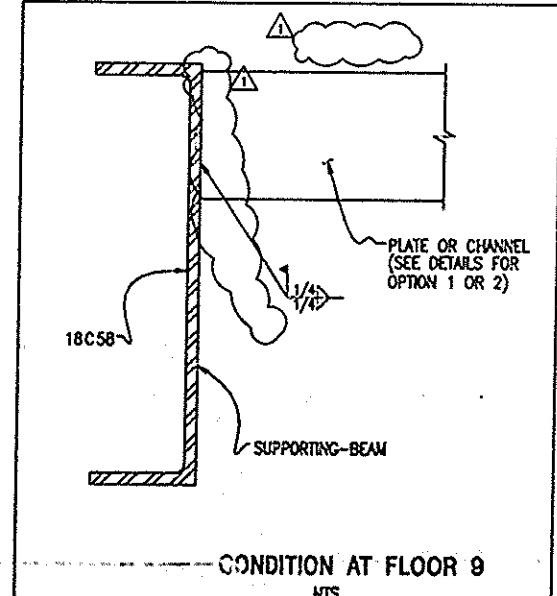
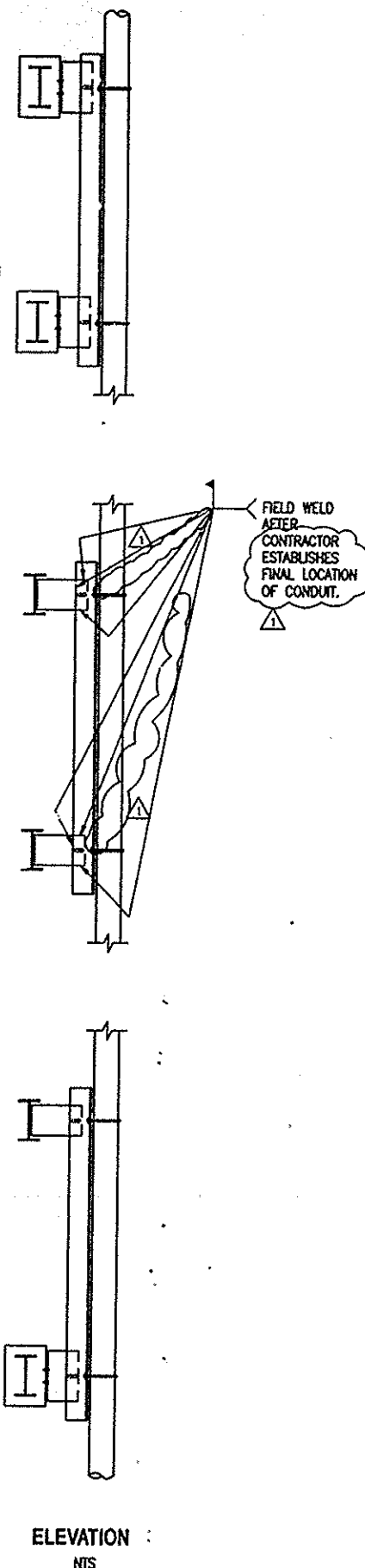
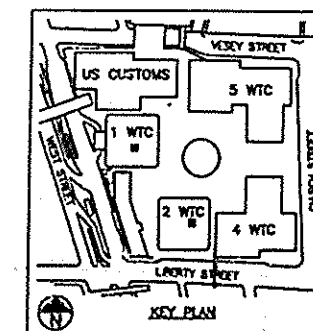
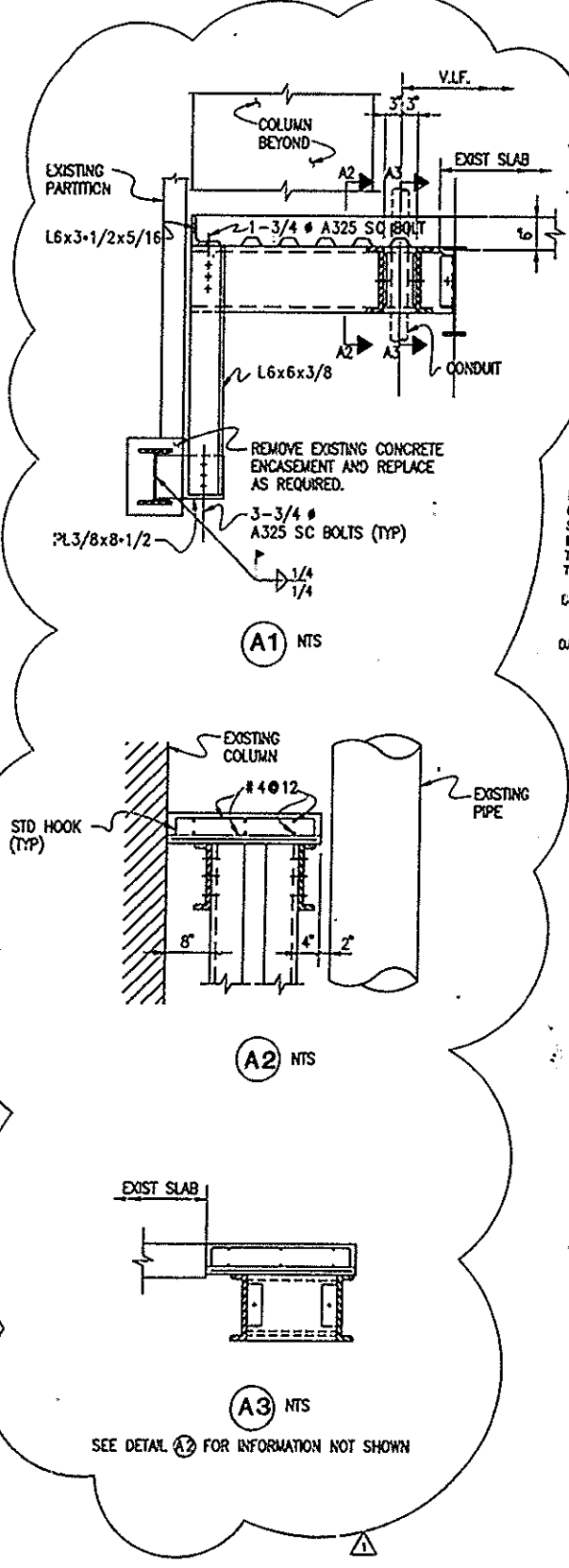
No.	Date	Revision	Approved
1	12/12/97	ADD DTG TO CLARIFY SUPPORTS	
2	11/17/97	ISSUED FOR BID	
Engineering Department			
Design Divisions			
The World Trade Center			

Title
STANDBY POWER
5 WORLD TRADE CENTER
STRUCTURAL
2 WTC AND 1 WTC
(FUTURE-NIC) FEEDER
DETAILS

This drawing subject to conditions in contract.
All inventions, ideas, designs and methods
herein are reserved to Port Authority and
may not be used without its written consent.

DESIGNED BY	DRAWN BY	CHECKED BY
MVS	BAZ	RZ
11/17/97	AS NOTED	
Contract Number	Drawing Number	
WTC-945.071	S5-05	

- NOTES:
- CONTRACTOR SHALL SURVEY THE WORK SITE AND VERIFY LOCATION AND SIZE OF EXISTING SUPPORTING BEAMS AS WELL AS IDENTIFY WHERE SUPPORTING BEAMS ARE CONCRETE ENCASED.
 - DETAILS IN THIS DWG SHOW ADDED STRUCTURAL STEEL WHICH ACTUAL CONDUIT SUPPORTS CONNECT TO. COORDINATE THIS WORK WITH ELECTRICAL WORK.
 - DETAILS IN THIS DWG SHOW TWO OPTIONS THAT ACCOMMODATE CONTEMPLATED FIELD CONDITIONS. NOT ALL CONDITIONS HAVE BEEN CONTEMPLATED. CONTRACTOR SHALL PROPOSE ALTERNATIVE DETAIL CONFIGURATIONS AS REQUIRED TO ACCOMMODATE ACTUAL CONDITIONS.
 - CONTRACTOR SHALL PREPARE AND SUBMIT SHOP DWGS OF STRUCTURAL STEEL DETAILS. SHOP DWGS SHALL INCLUDE THE FOLLOWING:
 - SURVEYED LOCATION OF EXISTING SUPPORTING BEAMS AT EACH FLOOR.
 - SELECTED DETAIL DWGS OF ADDED STRUCTURAL STEEL AT EACH FLOOR.



OPTION 2

OPTION 1

CONDITION AT FLOOR 9